

Converting Colors

Android(4284866023)

Have a look what the booklet for
Android(4284866023) contains.

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Color

Android(4284866023)

Conversions

Conversions Part 1

Format	Color
Hex	65DDE7
RGB	101, 221, 231
RGB Percent	40%, 87%, 91%
CMY	0.6039, 0.1333, 0.0941
CMYK	0.56, 0.04, 0.00, 0.09
HSL	185°, 73%, 65%
HSV	185°, 56%, 91%
XYZ	45.6471, 60.2491, 84.8247
YIQ	186.2600, -74.7300, -22.3300

Conversions

Conversions Part 2

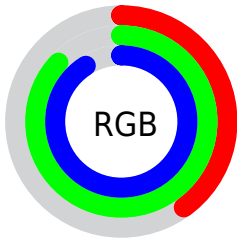
Format	Color
RYB	101, 163, 231
Decimal	6675943
CIELab	81.97, -30.74, -15.11
CIELCh	82, 34.254, 206.172
Yxy	60.2491, 0.2393, 0.3159
Android (android.graphics.Color)	4284866023 (0xFF65DDE7)
YUV	186.2600, 22.0568, -74.7730
Hunter-Lab	77.6203, -30.8630, -10.4588

Details

The Android color `4284866023` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293357413`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4288872447`, and `4279609007` is the 20% darker color. If you saturate the color by 10%, you get `4283358183`, and if you desaturate by 10%, it is `4286373863`.

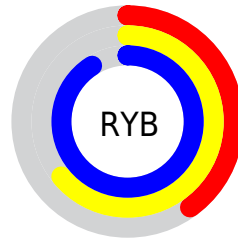
Distribution



Red (40%)

Green (87%)

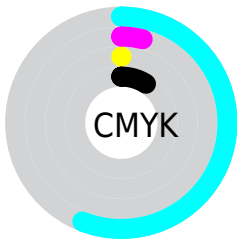
Blue (91%)



Red (40%)

Yellow (64%)

Blue (91%)

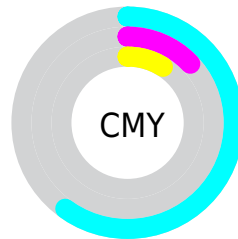


Cyan (56%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (60%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284866023 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4284866023 by changing the saturation by 10% instead.



4284866023



4284866023

4294967295



4282696139



4288872447



4279609007



4290838527



4278225813



4292870143



4278219131

4294836223



4278212706



4278206538



4278200884



4278193951



4278190083

■ 4284866023

■ 4284866023

■ 4283358183

■ 4286373863

■ 4281850343

■ 4287881703

■ 4280342759

■ 4289389287

■ 4278834919

■ 4290897127

■ 4278244839

■ 4292470503

■ 4293978343

■ 4294961639

■ 4294962151

■ 4294962663

Harmonies

Analogous

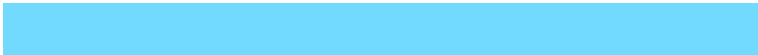
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286373318



4284866023



4285716991

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4284866023



4294032112



4293314700

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4284866023



4293357413

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294950552



4284866023



4294948049

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4284866023



4291544575



4294948529



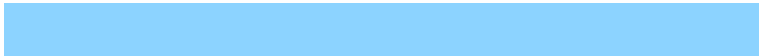
4291154577

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4284866023



4287419391



4294948529



4293969294

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4284866023



4292148479



4284868462



4284907136



4278190080



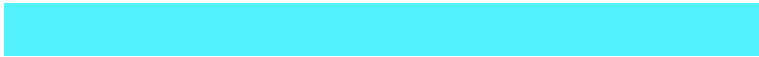
4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4284866023



4283626239



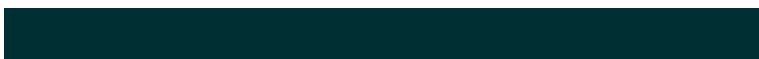
4284849639



4284969587



4278232499



4278202163

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4293354973



4294922994



4293373797



4285753202



4289921189



4281532463

Previews

White Background



This preview shows how the Android color 4284866023 looks on a white background.

Color Contrast Check

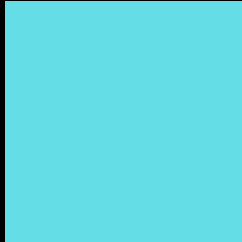
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284866023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284866023 Background



This preview shows how black text looks on a background with the Android color 4284866023.



This preview shows how white text looks on a background with the Android color 4284866023.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

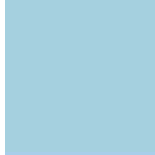


Trichromacy



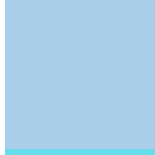
Original Color

4284866023



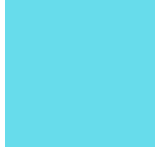
Protanomaly

4289056991



Deuteranomaly

4289253098



Tritanomaly

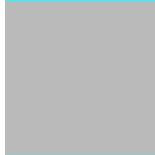
4284996843

Monochromacy



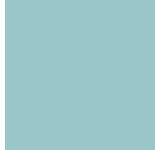
Original Color

4284866023



Achromatopsia

4290427578



Achromatomaly

4288399306

CSS Examples

Text

The CSS property to change the color of the text to Android 4284866023 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(101, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(101, 221, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(101, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 221, 231) }
```

Border

The CSS property to change the border of an element to Android 4284866023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 221, 231) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(101, 221, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(101, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(101, 221,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4284866023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 221, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(101,  
221, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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